

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 F04B43/09 F04B43/08

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 F04B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 014 318 A (NITZKOWSKI NORMAN H ET AL) 29 March 1977 (1977-03-29) abstract column 2, line 39 -column 6, line 13 figures 1-9	1-3, 9, 13, 15, 20, 21
X	DE 101 18 086 A (JASCH INGOLF ;SCHACHT DIETRICH WILHELM (DE)) 11 July 2002 (2002-07-11) abstract column 6, paragraph 37 -column 7, paragraph 43 column 8, paragraph 49 -column 11, paragraph 72 figures 1-4	1-3

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

° Special categories of cited documents :

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Date of the actual completion of the international search

25 February 2004

Date of mailing of the international search report

03/03/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	US 6 371 732 B1 (HYMAN OSCAR E ET AL) 16 April 2002 (2002-04-16) abstract column 8, line 2 -column 9, line 30 column 11, line 18 -column 13, line 31 figures 1-12 -----	1,3,9, 19,24 20,21
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P,X A	WO 03 027503 A (AKSELRUD ILYA ;DIGIPUMP LTD (IL); GELMAN GREGORY (IL); KALISKY OFR) 3 April 2003 (2003-04-03) abstract page 13, line 8 -page 14, paragraph 2 figures 2A-2C -----	1,4,5,9, 10 6
A	US 5 577 891 A (LOUGHNANE MICHAEL H ET AL) 26 November 1996 (1996-11-26) abstract column 5, line 48 -column 7, line 17 figures 8,9 -----	1,8,9, 13,15, 16,18,19

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